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OCT 11 2004

VIA FACSIMILE

ATTENTION: Examiner George A. Goudreau
GROUP ART UNIT: 1763
FIRM/CO. NAME: United States Patent and Trademark Office
APPLICATION NO: 10/615,159
FAX NO: (703) 872-9306
FROM: Ashok K. Janah
DATE: October 11, 2004
AMAT REFERENCE NO: 007352 USA/ETCH/DRIE/JB

TOTAL NUMBER OF PAGES 13 (INCLUDING COVER PAGE)

IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL: Hilde

BUSINESS PHONE: (415) 538-1555 FACSIMILE NO: (415) 538-8380

MESSAGE:

Examiner Goudreau:

Attached please find an Amendment in response to the Non-Final Office Action mailed on July 1, 2004, timely filed within four months thereof, with a request for a one-month extension of time.

Thank you,
Hilde Susan Jaegtnes

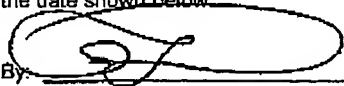
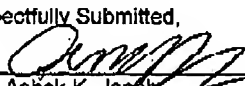
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Frum et al.	Group No: 1763
Application No: 10/615,159	Examiner: George A. Goudreau
Confirmation No: 8238	Attorney Docket No: 007352 USA/ETCH/DRIE/JB
Filed: July 7, 2003	
Title: INTERFEROMETRIC ENDPOINT DETECTION IN A SUBSTRATE ETCHING PROCESS	Monday, October 11, 2004 San Francisco, CA 94107

Commissioner for Patents VIA FACSIMILE: (703) 872-9306	Extension of Time	
Papers Enclosed <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Declaration <input type="checkbox"/> 0 Drawings <input type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> PTO-1449 Form <input type="checkbox"/> Citations <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Postcard for Return	<input checked="" type="checkbox"/> Applicant petitions for an extension of time under 37 C.F.R. 1.136	
	Extension (Months)	Extension Fee
		Large Entity Small Entity
	<input checked="" type="checkbox"/> One Month	\$110.00 \$55.00
	<input type="checkbox"/> Two Months	\$430.00 \$215.00
	<input type="checkbox"/> Three Months	\$980.00 \$490.00
Total \$ 110.00		
<input type="checkbox"/> Applicant believes that no extension of term is required. However, this conditional petition is being made in case applicant has inadvertently overlooked the need for a petition for extension of time.		

Fees for Extra Claims						
	Claims remaining after amendment	Highest number previously paid for	Number Extra	Rate		Additional Fee
				Large Entity	Small Entity	
Total Claims	22	22	0	\$18.00	\$9.00	\$0.00
Independent Claims	4	4	0	\$88.00	\$44.00	\$0.00
Multiple Dependent Claims			0	\$300.00	\$150.00	\$0.00
Supplemental Information Disclosure Statement						
Total						\$0.00

Fee Payment		Fee Deficiency	
Extension Fees	\$110.00	<input checked="" type="checkbox"/> If any additional extension and/or fee is required, please charge Deposit Account No. <u>10-0258</u> . and/or <input checked="" type="checkbox"/> If any additional fee for claims is required, please charge Deposit Account No. <u>10-0258</u> .	
Fees for Extra Claims	\$0.00		
Total	\$110.00		
<input type="checkbox"/> Attached is check no. _____ in the sum of \$0.00. <input checked="" type="checkbox"/> Please charge Deposit Account No. <u>10-0258</u> in the sum of \$110.00. CERTIFICATE OF TRANSMISSION (37 C.F.R. § 1.8a): I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office at Fax No. (703)872 9306 on the date shown below  By: <u>Hilde Susan Jaegtnes</u> Date: <u>October 11, 2004</u>		Please direct telephone calls to: Ashok K. Janah at (415) 538-1555 Please continue to send correspondence to: Applied Materials, Inc. Patent Department, M/S 2061 P.O. Box 450A Santa Clara, CA 95052 Respectfully Submitted,  By: <u>Ashok K. Janah</u> Date: <u>October 11, 2004</u> Registration No. 37,487	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of: Frum et al.	Group Art Unit: 1763
Application No: 10/615,159	Examiner: George A. Goudreau
Confirmation No: 8238	Attorney Docket No: 007352 USA/ETCH/DRIE/JB
Filing Date: July 7, 2003	October 11, 2004 San Francisco, California
For: INTERFEROMETRIC ENDPOINT DETECTION IN A SUBSTRATE ETCHING PROCESS	

VIA FACSIMILE
(703) 872-9306AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

Commissioner for Patents

Examiner Goudreau:

This amendment for the above-referenced application is in response to the non-final office action mailed on July 1, 2004 and is being timely filed within four months thereof with a request for a one-month extension of time.

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office at (703) 872-9306 on the date shown below.

By: 

Hilde Susan Jaegtnes

Date: October 11, 2004

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